AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently amended) A compression ignition engine, comprising:

an electronic controller, said electronic controller producing fuel delivery commands to control power output of said engine, said electronic controller including a cruise control mode; and

an advanced cruise control system connected with said electronic controller and producing communication signals[[;]],

wherein said electronic controller receives said communication signals and calculates a fuel delivery command based, at least in part, on said communication signals at least when said electronic controller is in an advanced cruise control mode[[;]], and

wherein said electronic controller disengages said advanced cruise control mode in response to receiving no valid communication signal from said advanced cruise control system for greater than a first period of time.

2. (Previously presented) The compression ignition engine of claim 1, wherein said electronic controller disables said advanced cruise control mode in response to receiving no valid communication signal for greater than a second period of time.

3. (Original) The compression ignition engine of claim 1, wherein said first period of time is less than about 500 milliseconds.

4. (Original) The compression ignition engine of claim 2, wherein said second period of time is less than about 3500 milliseconds.

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5. (Original) The compression ignition engine of claim 1, wherein said first period of time is about 500 milliseconds.

6. (Original) The compression ignition engine of claim 2, wherein said second period of time is about 3500 milliseconds.

7. (Previously presented) The compression ignition engine of claim 1, wherein said electronic controller re-engages said advanced cruise control system in response to one or more operator cruise control inputs.

8. (Previously presented) The compression ignition engine of claim 7, wherein said operator cruise control inputs include one of a cruise control resume switch and a set switch.

9. (Original) The compression ignition engine of claim 2, wherein said electronic controller re-enables said advanced cruise control in response to operator re-initialization of the electronic controller.

10. (Original) The compression ignition engine of claim 9, wherein said operator reinitialization includes turning off the engine and turning it back on.

11. (Currently amended) A method of controlling a compression ignition engine equipped with an electronic controller and an advanced cruise control system, said method comprising:

receiving communication signals from said advanced cruise control system; and

disengaging said advanced cruise control system as a function of not receiving one or more valid communication signals <u>from said advanced cruise control system</u> for a first time period.

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12. (Previously presented) The method of claim 11, further comprising:

disabling said advanced cruise control system as a function of not receiving one or more valid communication signals for a second period of time.

13. (Previously presented) The method of claim 11, further comprising:

re-engaging said advanced cruise control after said step of disengaging, in response to one or more operator cruise control inputs.

14. (Previously presented) The method of claim 12, further comprising:

re-enabling said advanced cruise control in response to an operator turning off the engine and turning it back on.

15. (Previously presented) The method of claim 13, wherein said operator cruise control inputs include a cruise control resume switch.

16. (Previously presented) The method of claim 12, further comprising:

engaging cruise control, after said step of disabling, in response to one or more operator cruise control inputs.

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